

NOVEMBER

at the
CALIFORNIA ACADEMY OF SCIENCES

NOVEMBER MEETING

DATE: Wednesday, November 17, 8:15 p.m.
PLACE: Morrison Auditorium
SPEAKER: Dr. Reid V. Moran
SUBJECT: "The Stonecrop Family: Variations on a Pattern".

By way of saluting the California Botanical Club on the occasion of its 75th birthday, the Academy is proud to present Dr. Moran, Curator of Botany at the San Diego Museum of Natural History, who is a specialist in the Crassulaceae.

This unusual program will be a pictorial survey of a family of plants, showing by many curious and beautiful examples some part of the amazing variation that is not random but, as in all groups of plants and animals, systematic.

Dr. Moran's pictures are the by-product of a long-time botanical study. He has been interested since grammar-school days in the Stonecrop Family and has collected and studied them in California, Mexico, the Mediterranean region, and eastern Asia, and has also grown them to continue his research at home. Dr. Moran's pictures have proven more than a botanical record. By focusing on often inconspicuous details, they bring to the non-botanist a special delight from outside his usual realm of experience.

Dr. Moran is a Fellow of the Academy.

MORRISON PLANETARIUM

"THE MYSTERY OF STONEHENGE", a newly conceived show for the Theatre of the Stars will play from November 3 through December 5. The strange pattern of stones in southern England is, according to recent information, possibly the earliest astronomical observatory—dating back some 4,000 years.

Performances daily at 3:30, with evening shows, Wednesday through Sunday, at 8:30. Extra matinees on Saturdays and Sundays at 2:00. The Planetarium is closed on Monday and Tuesday evenings.

Admission: Adults, 75c, Juniors, 40c.

SPECIAL EXHIBITS

Exhibit of the Month: "CALIFORNIA INDIAN ARTIFACTS", a gift to the Academy from Mr. Noel Stubbs. Main Foyer, Science Museum.

"THE TARAHUMARA INDIANS", photographs in black and white of this tribe of semi-stoneage Indians. By Sam Coombs. Lovell White Hall of Man and Nature through the month of December.

"SCIENCE IN ACTION" (Schedule for viewers in the San Francisco Bay Area: Wednesdays at 7:00 p.m., with a repeat telecast on Sundays at 6:00 p.m., KQED Channel 9. For other areas, consult the listings in your local paper.)

Nov. 3-7: "MUSEUM", with Guest Scientist Dr. George E. Lindsay, Director, CAS.

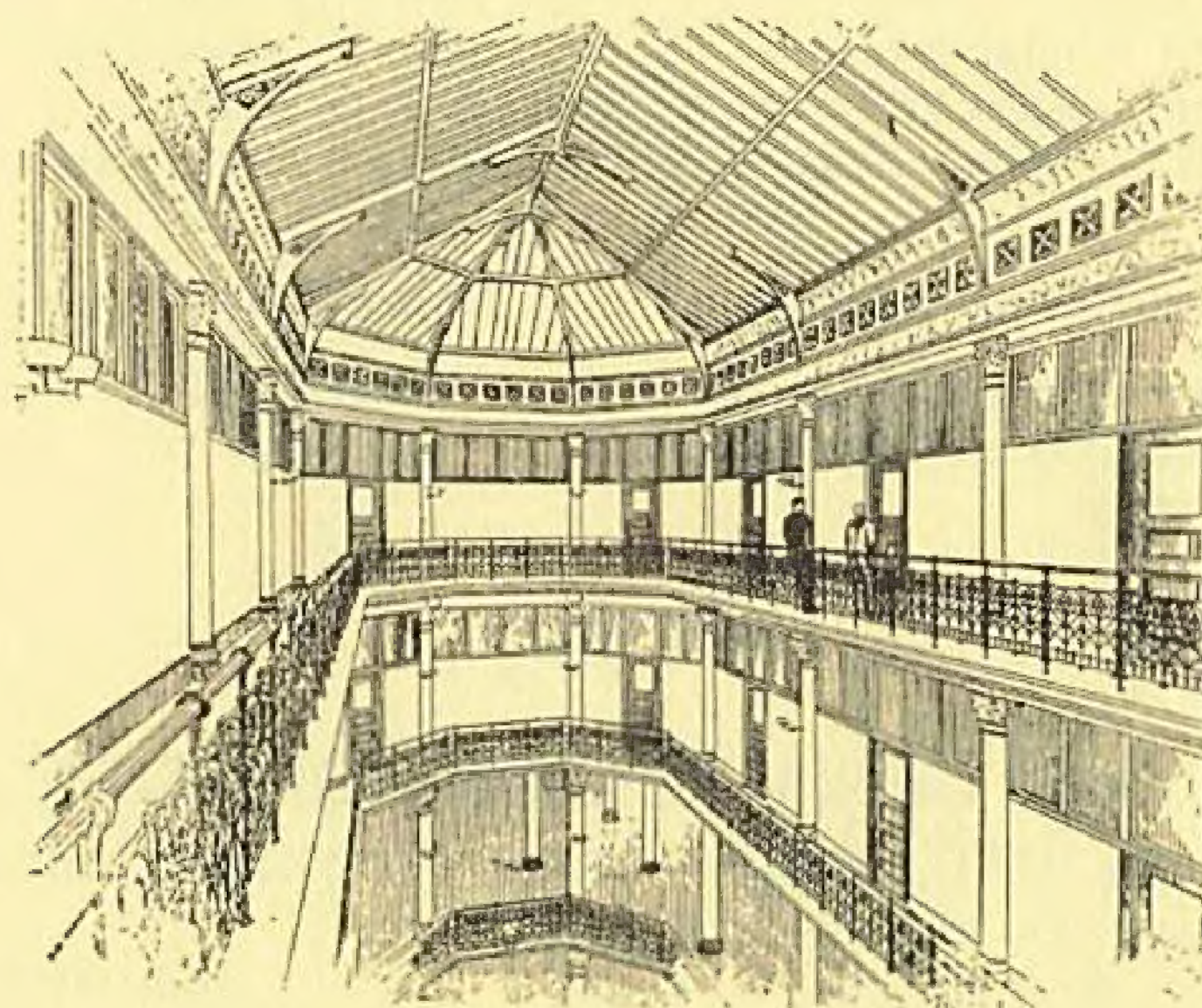
Nov. 10-14: "FIELD TRIP", with Dr. Robert T. Orr, Curator of Birds and Mammals, CAS.

Nov. 17-21: "GLASSBLOWING", with Donald P. Moody and Daniel J. Dempsey, Ames Research Center.

Nov. 24-28: "FIREFIGHTERS", with William F. Murray Chief, San Francisco Fire Department.

NEWS and NOTES

IT IS INTERESTING to note, as its Diamond Jubilee approaches, that the California Botanical Club was founded on March 7, 1891 in the herbarium room of the Academy which was then situated on Market Street where now stands the Commercial Building. The Club's first president was Dr. Hans Herman Behr, then Curator of Entomology but also a botanist of note.



The sixth floor gallery of the Academy's Market Street museum; the doors on the right opened into the Department of Botany. (From the Californian Illustrated Magazine, January 1893).

The meetings of the Club, primarily devoted to "the study of living plants" indoors and out, have nearly always been under the direction of the Academy's botanical curators. First, it was Mrs. Katherine Brandegee who was succeeded by Miss Alice Eastwood who held the position until after reaching 90 years of age.

For the past 15 years, John Thomas Howell, the current Curator of Botany, has coordinated the Club's activities. The Club, over its many years of association with the Academy, has been most generous in its gifts of plants, books, monies, and services. On this auspicious occasion, the Trustees and Staff extend every good wish to the Club for another 75 years of busy, bountiful, botanical pursuits.

THE FOLLOWING POEM is reprinted with the kind permission of the editors of the Washington State University Press, Washington State University, Pullman, Washington. It is from a volume entitled "San Francisco" written by Ruth Slonim.

NEW STEINHART AQUARIUM (Academy of Sciences)

What, pray tell, is the appeal
of swoosh and swish
of croakers who talk gobbledygook,
or friendly convict fish?
Why should an alligator grotto
entice the goggle-eyed
whose cranial curiosity
has a mammalian stride?
What depths within the dolphin tank
beguile the public heart?

If you have seen a porpoise smile
or watched its skillful art of watching you,
pondered an electric eel
with positive head and negative tail,
your battery may be recharged.
While fishy friends set sail
in aqueous worlds of thee and me,
who looks at whom is fun to see.

AT THE SEPTEMBER 20 meeting of the Board of Trustees, the following ladies and gentlemen were elected Fellows of the Academy: Dr. Charles A. Anderson, Dr. R. M. Bohart, Mr. C. P. Butler, Dr. John S. Garth, Mrs. G. Dallas Hanna, Dr. Richard H. Jahns, Dr. David L. Jameson, Mrs. T. Kroeber,

Dr. Peter Marler, Dr. T. Eric Reynolds, Dr. Don Savage, Dr. John D. Soule, Dr. Rudolph Stohler, and Mr. Gordon H. True.

Under its constitution, Fellows in the Academy are limited to 300 in number. They form an important advisory body and it is an honor to be elected.

At the same meeting of the Trustees, Mr. Thomas Tilton of San Francisco and an official with the firm of Kemper & Barrett was elected to the Board and Mr. I. W. Hellman was elected Vice Chairman to fill the position vacated by Mr. Alan J. Galloway, the new Chairman.

THREE NEW RESEARCH Associates have been named to join the group of distinguished scientists on the staff of the Academy: Dr. Walter Sheppe, Research Associate in the Department of Ornithology and Mammalogy; Dr. James R. Dixon, Research Associate in the Department of Herpetology; and Mr. Joseph Wilcox, Research Associate in the Department of Entomology.

The honorary position of Research Associate is for a term of five years and is given in recognition of significant contribution to science and a close professional association with the Academy.

RECENT SCIENTIFIC PUBLICATIONS of the CALIFORNIA ACADEMY OF SCIENCES

Proceedings:

"New Species of Plants from Baja California, Mexico." Ira L. Wiggins. Vol. XXX, No. 12. September 15, 1965. 50c

"Studies of the Atlantic American Pipefishes with Descriptions of New Species." Earl S. Herald. Vol. XXXII, No. 12. July 28, 1965. 25c

"The Brachyuran Decapod Crustaceans of Clipperton Island." John S. Garth. Vol. XXXIII, No. 1. July 28, 1965. \$1.00

"On the Identification of *Schizopyga Californiana* Conrad, A California Pliocene Gastropod." W. O. Addicott. Vol. XXXIII, No. 2. July 28, 1965. 25c

Occasional Papers:

"A New Genus of Gastropod (Drupinae) from the Pliocene of Oregon and California." Leo G. Hertlein. No. 49. June 1, 1965. 25c

"A Review of *Kittonia*, a Genus of Diatoms." A. L. Brigger and G. Dallas Hanna. No. 50. September 15, 1965. 35c

ON OCTOBER 4 the Academy received by bequest the collection of Diatomaceae which had been made by Mr. and Mrs. H. E. Sovereign of Seattle, Washington. Along with it were approximately 50 bound volumes and 500 printed articles which deal with this subject.

Mr. Sovereign took up the study of diatoms upon his retirement as a practicing engineer and became the outstanding authority on this group of microscopic plants in the northwest. Throughout his work he was aided by his wife, Ruby L. C.

Mr. Sovereign died on April 15, 1965, and was followed by Mrs. Sovereign on May 17, 1965. In the will of each they left their collection and library to the California Academy of Sciences.

It is interesting to record that the Academy helped in several ways in the early stages of their work and published Mr. Sovereign's last paper on diatoms, *New Species of Oregon and Washington*.

NEW MEMBERS OF THE ACADEMY

Regular Membership

Mrs. John Brass, Jr.	Mrs. T. C. Hossfeld
Mr. J. Q. Brett	Mr. William K. Jakel
Mr. Michael J. Brodie	Miss Elena Lavios
Mr. Homer Byers	Mr. George Marshall
Miss Janet C. Donoghue	Dr. James A. Mattison
Mr. Richard D. Downie	Mr. Maurice B. McEvoy
Mr. Robert D. Englert	Mrs. H. W. Nevin, Jr.
Mr. Joseph O. Falkinham	Mr. M. L. O'Connell
Mrs. Hubert Fry	Mr. Norman C. Pease
Mr. Roland A. Gangloff	Mr. Richard L. Rickard
Miss Hazel L. Hanna	Mr. Bill Stremmel

Miss Helen Tepper

Family Membership

Mr. & Mrs. F. R. Abbott	Mrs. Charles P. Haber
Mr. & Mrs. Ralph Alden	Mr. & Mrs. Eugene I. Pearl
Mr. & Mrs. James W. Codding	Mrs. John H. Ross
Mr. & Mrs. John W. Doss	Mrs. William Rudometkin

Contributing Member

University of California,
Santa Cruz, University
Library.

Student Membership

Jonathan Cagwin
Lori Cagwin

THE CALIFORNIA ACADEMY OF SCIENCES GOLDEN GATE PARK • SAN FRANCISCO 94118

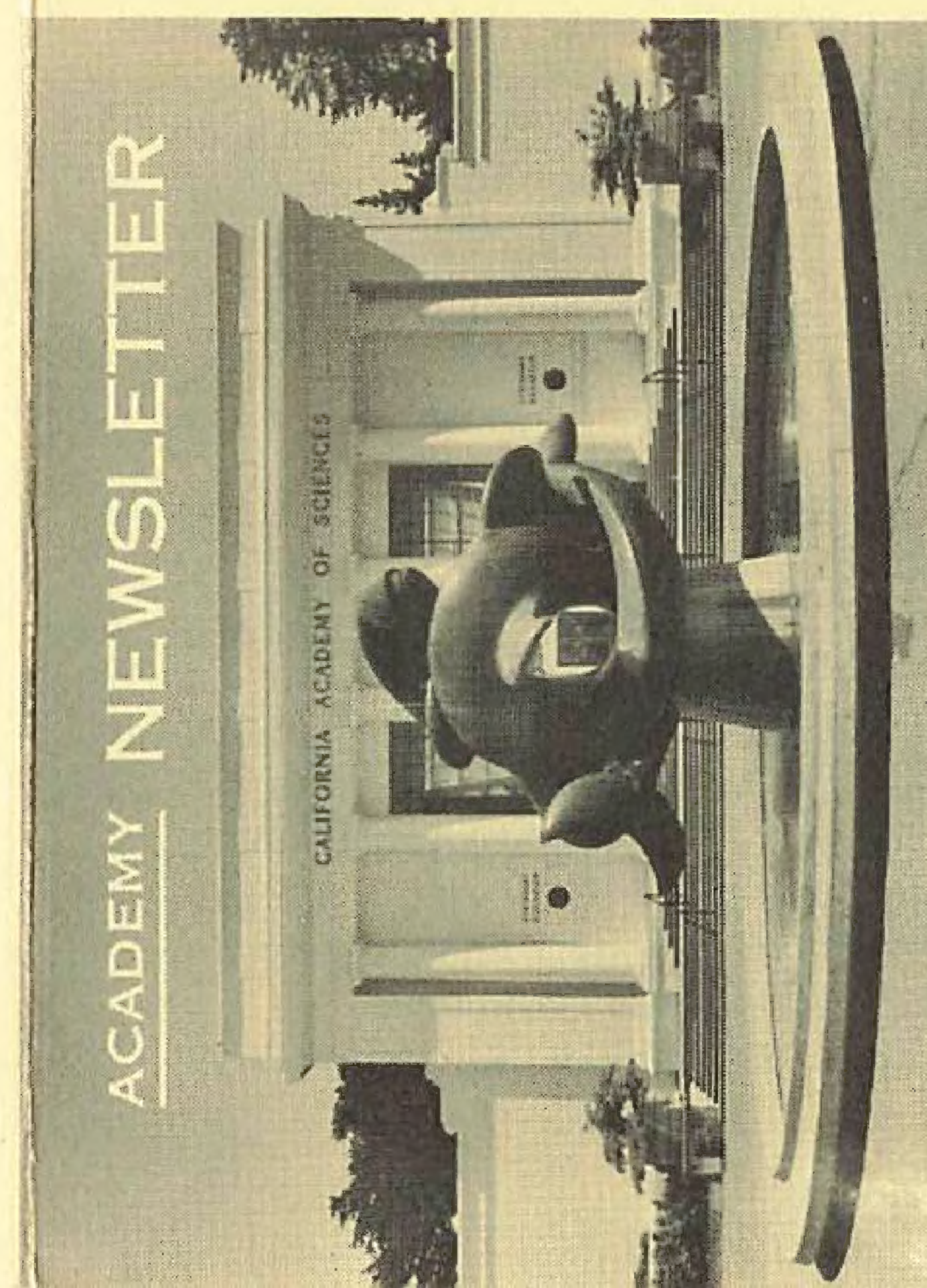
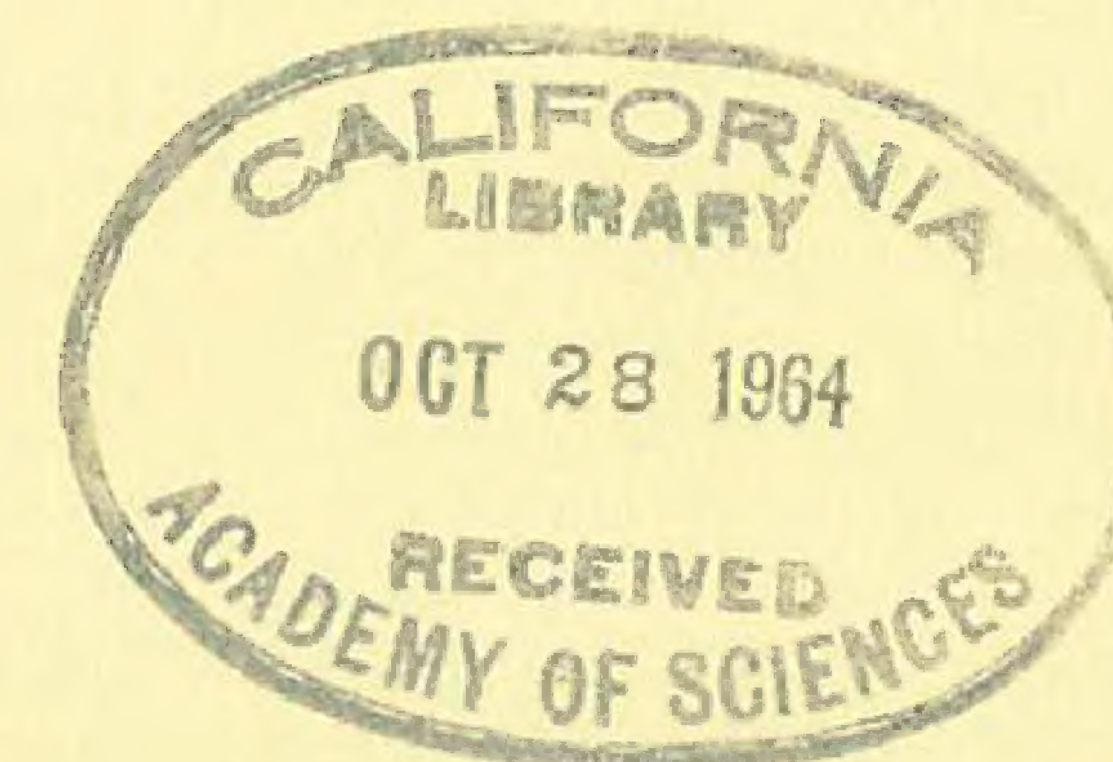
Open every day of the year
10:00 a.m. to 5:00 p.m.

Admission Free

Printed by GRAPHIC ARTS OF MARIN, INC.

Non-Profit Organization
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 7544

Ref.
Q 11
C22
no. 311



No 311 — Published Monthly by the
CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK • SAN FRANCISCO 94118
NOVEMBER 1965